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 ${\tt AAAAGAGGATAATTCAAGAAGGGCTTCTTTAAGGGACTATTTCCCAAGATGGGAATGGAGGGGAACCT}$ ${\tt GCAGGGCTAGTGTCCTACCCTCCAGCAGGCAGCTAATTCCTGAGGGGATAAGGACGTGGTTGCGA}$ GGACATGGAGGGAAAGTTCTACAGAGGAGGCACAGTGGGCTTCAGGAACACCCTGCTTGAGAGGCCTG ${\tt TGAGAGGTGGGGAATCAATACCTGACCTCGCTCTCCTTCCATCTCTCCCCAACCCACAGGGGTTGGTG}$ ${\tt TGGGCCCCACAGGCGAGCCTCCCGGGGAGAGAGAGGAGGAGGGACCTGGAGGGCCAGTAGAAGGTAT}$ GCACACAAGTATCTACAAGGCACCAGGCATTTTTTGAGCATTTGGGGATTTGTCAGCAAACAAGTCAGA ${\tt TTGCTAAGA} \underline{{\tt ATG}} {\tt GCAATCCTGACGCTCAGCCTTCAACTCATCTTGTTATTAATACCATCAATATCCCA}$ $\overline{\text{TGAGGCTCATAAAACGAGTCTTTCTTCTTGGAAACATGACCAAGATTGGGCAAACGTCTCCAACATGA}$ $\tt CGCGTAACCTCAGCAGGCCTAACTCTGCAGGACCTTCAGCTATGGTGTAATTTGAGAATCATTCAC\underline{\textbf{TG}}$ $\underline{\textbf{A}\textbf{G}\textbf{C}\textbf{A}\textbf{T}\textbf{C}\textbf{A}\textbf{A}\textbf{C}\textbf{T}\textbf{A}\textbf{G}\textbf{C}\textbf{C}\textbf{A}\textbf{G}\textbf{A}\textbf{C}\textbf{C}\textbf{C}\textbf{A}\textbf{A}\textbf{A}\textbf{C}\textbf{C}\textbf{T}\textbf{G}\textbf{G}\textbf{T}}\\ \underline{\textbf{A}\textbf{G}\textbf{C}\textbf{A}\textbf{T}\textbf{C}\textbf{A}\textbf{A}\textbf{G}\textbf{C}\textbf{T}\textbf{A}\textbf{G}\textbf{A}\textbf{C}\textbf{C}\textbf{A}\textbf{A}\textbf{A}\textbf{C}\textbf{C}\textbf{T}\textbf{G}\textbf{C}\textbf{T}}$ ${\tt GGAGTGGGTGCTGAGGAACCAGAGGTAATGGCCCTGGGGACGCCCGGGAAGAGATGAGTTTTG}$ ${\tt AGGCAAAGGGATTTGCATTTGTGGATGAACTTGTGTGTTCAGCTGAAGGCTGAAGTTGTAACTCTGAA}$ ${\tt CCACAGGACAAAGCATGATGTCTTCCTCACTAAATGGCAATGTCCTTGAGAAGACCCTGTCTT}$ ${\tt AATCATCTCTGTGTCTCACGCCTGGCTCATAACATATGCTTATCGCATGCTTTTAATAAAAGGAGGAA}$



 ${\tt GGTGGAGCCAAATAAGGGAATGAAAGCAGGCCACCGGAGCCTCGGAGAGGCAACCGTTTGGGGTACTC}$ ${\tt TTCCACACTGTGGCAGCTTTGTTCTTTTGCTCTTTGCAGTAAGTTTTGCTGTTGCTTACTCTTTGGGT}$ $\tt CTGCACTGCCTTTATGAACTGTAACACTGACCATGGAGGTCTGCAGCTTCACTCCTCAAGCCAGCAAG$ ${\tt ACCAGGAGCCCACTGGGAGGAGGAATGAACAACTCTGGACACGCCACCCTTAAGAGCTGTAACACTCA}$ ${\tt GGACACATCTGAACATCTGAGGGAACTCCGCACACCATCTTTAAGAACTGTAACACTCACCACGAG}$ ${\tt GGCCCGTGGCTTCATTCTTGAAGTCAGCAAGAACCCAAGCACCAATTCTGGACACAACAGGACACA}$ ${\tt CACATGGGAGGGGAGGCCAGAGGGAAACCTAGCTGGCTTGGGGTGGGAATTTGAATCCCTGAGCCCA}$ ${\tt TTAGGAGTATTCAATACAGATTTTGTGTATCACTATAAACAGTTCACAGCATGGACTACTGGTGTTCT}$ $\tt CTTTACTAACTGAAATGGTGTCATTAGCACCTTTAAATCTAATCCATTTAGAGAGCCAGTTCCGGAAA$ CCTCAGAACCAGTTTGGAAAACTTCCGTTCTTCTGAAGCCATTTTTGGAACCACATCTGTGCTAGGTT ${ t CTCCAGGGAAACAGAACCAATATGTTTATTTACTATGGGGACTGGCTCATATGATTCTGGAGGCCTA}$ ${\tt GAAGTCCCTCTCAAGATGTGCTGTCAGCAAGCTGCAGAACCAGGAAAGCTGGTGGTGTCAGAGT}$ ${\tt TCCCCACAGGTGAGCCTTTCGTGGAGAGGGTGGAGAGGGGATCTGGAAGGGCCAATAGAAGATACTC}$ ${\tt TTGACCACTGTATCAACCAGGATTGTGACACAAAAACAGATGGCACACTCAAAAGAGGATAATTCAAG}$ ${\tt AAGGGCTTCTTTAAGGGACTATTTCCCAAGATGGGAATGGAGGGGAACCTGCAGGGCTAGTGTCCTAC}$ ${\tt CCTCCAGCAGCAGCAGCTAATTCCTGAGGGGATAAGGACGTGGTTGCGAGGACATGGAGGGAAAGTT}$ $\tt CTACAGAGGAGGCACAGTGGGCTTCAGGAACACCCTGCTTGAGAGGCCTGTGAGAGGGATTGTTTTCT$ ACTGTTTGACATTCACGTAACCTCCTAACGCTGTCTGGGGGAAGATGCTACCCCCTGCTCTCCCCGTCT ${\tt TTCCTGCACTCTCAGCAATGGGATGGGCTGACTGATGCCCTGTGGGCTGGAAAGCTGACCACAGTTGC}$ ${\tt TGCAGACCAGACCCCTCACATAGTGAGTGCTGGGCTGAGGAATCCAGGAGAGCCCGAGGGGGGACAC}$ ${\tt TGAAGGTGTATCGTTGGCCCTGCCAGCTGCAAGTGAACTGCTTCTGATGAATTTTAATAGGGAGAAAG}$ ${\tt AAGTATTTGCTAAGA} \underline{{\tt ATG}} {\tt GCAATCCTGATGCTCAGCCTTCAACTCATCTTGTTATTAATACCATCAAT}$ $\overline{\text{ATCCCATGAGGCTCATAAAACGAGTCTTTCTTCTTGGAAACATGACCAAGATTGGGCAAACGTCTCCA}}$ ACATGACTTTCAGCAACGGAAAACTAAGAGTCAAAGGCATTTATTACCGGAATGCCGACATTTGCTCT ${\tt CGACATCGCGTAACCTCAGCAGGCCTAACTCTGCAGGACCTTCAGCTATGGTGTAATTTGAGGTCAGT}$ $\tt GGCCAGAGGACAGATCCCGTCTACATTA{\color{red}{\textbf{TGA}}} GTGAAGCGGAGAGCTACTGCAGGGTTCTGAGCAGAGT$ $\overline{\texttt{CCTAATTTATATTTTAGAAGAATCATCATGGCTCCTAGATTAGGAATAAAACGAAGGGGCCCAGGGAT}$ ${\tt GGAAACGATGAGTCCAGTTGGGTTACTGCAAAGATCCAGGCCAGAAATCCAGGCACAGTGGCACACAC}$ $\tt CTGAGTCCCAGATAATTCCACCTACTGGTCCTGCTCTGTGGCCTACTGGTCCGAGTCCAGCCCCGACT$ ${\tt GATTTCTGGGCCTGTAATGTCTAAAAACGCTCCCTGCTGATGTTTTGCAAGTGACTGTGTTACTTGAA}$ GGCAGTTCCTAGGATAAACTAGTCGCTTTATC



DNA149995

AAAAAATACAGCAGGTGAAGGAGGTTGGAGAGTAGGGGGTGGAGGGCCCACGCAGCACTTGTCCTTCA CCCTGGAGGGGATCTGTTACATGCCCCAGATTGCTGGTCCCCTAGAAATGTTACTGAGGCAGCCTCTG CATTTTTGCAGGGATTGTTTTCTACTGTTTGACATTCACGTAACCTCCTAACGCTGTCTGGGGAAGAT CAGGAGAGCCCGAGGGGGGACACTGAAGGTGTATCGTTGGCCCTGCCAGCTGCAAGTGAACTGCTTCT GATGAATTTTAATAGGGAGAAAGAAGTATTTGCTAAGA**ATG**GCAATCCTGACGCTCAGCCTTCAACTC CCAAGATTGGGCAAACGTCTCCAACATGACTTTCAGCAACGGAAAACTAAGAGTCAAAGGCATTTATT $\tt CTATGGTGTAATTTGAGGTCAGTGGCCAGAGGACAGATCCCGTCTACATTA{\color{red}{TGA}}{\color{blue}{GTGAAGCGGAGAGC}}$ TACTGCAGGGTTCTGAGCAGAGTCCTAATTTATATTTTAGAAGAATCATCATGGCTCCTAGATTAGGA ATAAAACGAAGGGCCCAGGGATGGAAACGATGAGTCCAGTTGGGTTACTGCAAAGATCCAGGCCAGA ${\tt AATCCAGGCACAGTGGCACACCTGAGTCCCAGATAATTCCACCTACTGGTCCTGTTGGCCTA}$ $\tt CTGGTCCGAGTCCAGCCCCGACTGATTTCTGGGCCTGTAATGTCTAAAAACGCTCCCTGCTGATGTTT$ TGCAAGTGACTGTTTACTTGAAGGCAGTTCCTAGGATAAACTAGTCGCTTTATCATTACAGAATCAT CCTGCTCTCCAGGAAACGAGAGGCTGAGAA



${\tt MAILTLSLQLILLLIPSISHEAHKTSLSSWKHDQDWANVSNMTFSNGKLRVKGIYYRNAD}\\ {\tt ICSRHRVTSAGLTLQDLQLWCNLRIIH}$

Domain Information

Signal peptide:

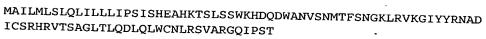
1-19

N-glycosylation site.

38-42

41-45

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Domain Information

Signal peptide:

1-19

N-glycosylation site.

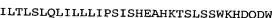
38-42

41-45

N-myristoylation site.

89-95

A Harm to the term of the term ash



 ${\tt MAILTLSLQLILLIPSISHEAHKTSLSSWKHDQDWANVSNMTFSNGKLRVKGIYYRNAD\ ICSRHRVTSAGLTLQDLQLWCNLRSVARGQIPSTL}$

Domain Information

Signal peptide: 1-19

N-glycosylation sites 38-42 41-45

N-myristoylation sites 89-95

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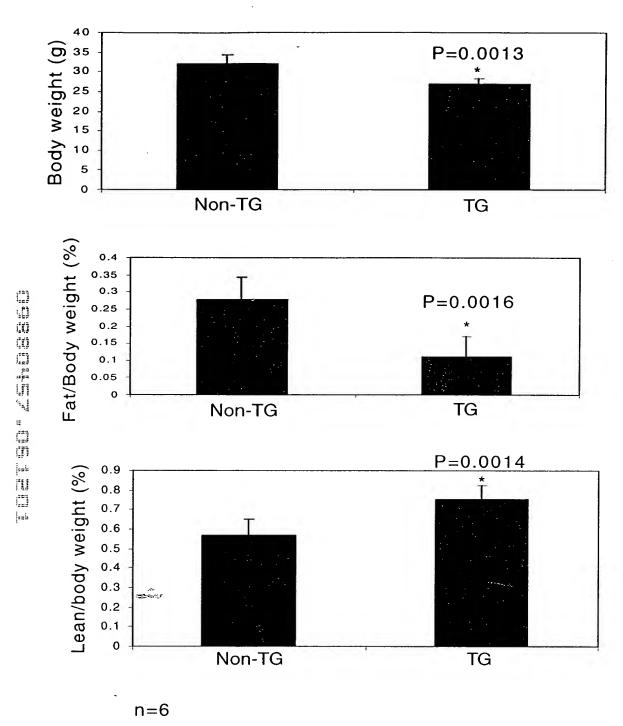


FIG. 3

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DNA146649	1 MAILTLSLQLILLLIPSISHEAHKTSLSSWKHDQDWANVSNMTFSNGKLR
DNA149986	1 MAILMLSLQLILLLIPSISHEAHKTSLSSWKHDQDWANVSNMTFSNGKLR
DNA149995	1 MAILTLSLQLILLLIPSISHEAHKTSLSSWKHDQDWANVSNMTFSNGKLR
DNA146649	51 VKGIYYRNADICSRHRVTSAGLTLQDLQLWCNLRIIH
DNA149986	51 VKGIYYRNADICSRHRVTSAGLTLQDLQLWCNLRSVARGQIPSTL
DNA149995	51 VKGIYYRNADICSRHRVTSAGLTLQDLQLWCNLRSVARGQIPSTL



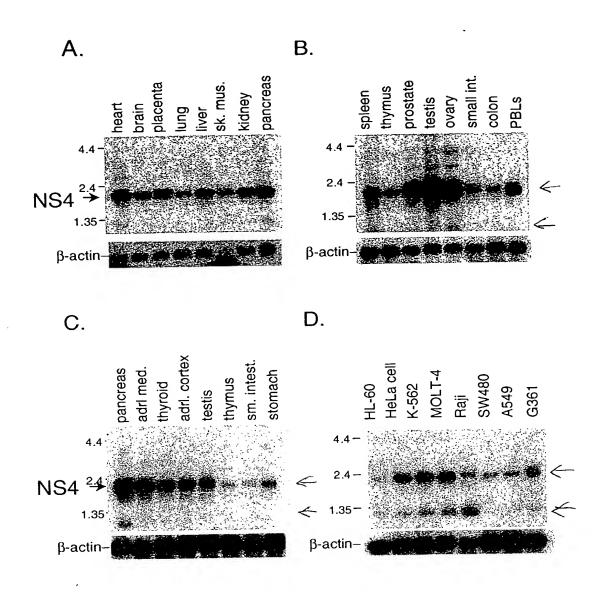


FIG. 5